

## CLAIMS

1. The use in a cosmetic or pharmaceutical composition of at least one lyophilisate of dedifferentiated plant cells, the said lyophilisate allowing to depigment and/or to lighten, to protect and to regenerate the epidermis.
2. The use according to claim 1, wherein the dedifferentiated plant cells are obtained by *in vitro* culture.
- 10 3. The use according to claim 2, wherein the dedifferentiated plant cells obtained by *in vitro* culture are cell lines.
4. The use according to any one claim 1 to 3, wherein the dedifferentiated plant cells are halophile plant cells.
- 15 5. The use according to claim 4, wherein the halophile plant is Criste Marine.
6. The use according to any one of claims 1 to 5, wherein the lyophilisate depigments and/or lightens the epidermis by blocking the tyrosinase activity.
- 20 7. The use according to any one of claims 1 to 5, wherein the lyophilisate protects the epidermis by an anti-radical effect.
- 25 8. The use according to any one of claims 1 to 5, wherein the lyophilisate regenerates the epidermis by a stimulating effect on the proliferation of the cells of the epidermal basal layer.
- 30 9. The use according to any one of claims 1 to 5, wherein the lyophilisate regenerates the epidermis by an inhibitory effect on the epidermal differentiation.
- 35 10. A topically applied cosmetic or pharmaceutical composition, wherein it contains, in a physiologically acceptable base, at least one

lyophilisate as described according to any one of claims 1 to 9.

11. A topically-applied cosmetic or pharmaceutical composition wherein it contains, in a 5 physiologically acceptable base, from of 0,05% to 2%, of at least one lyophilisate as described in any one of claims 1 to 9.

12. A topically-applied cosmetic or pharmaceutical composition wherein it contains, in a 10 physiologically acceptable base, from of 0,1% to 1% of at least one lyophilisate as described in any one of claims 1 to 9.

13. A topically-applied cosmetic or pharmaceutical composition wherein it contains, in a 15 physiologically acceptable base, 0,5% of at least one lyophilisate as described in any one of claims 1 to 9.

14. Composition according to any one of claims 10 to 13, intended for rejuvenation of the 20 skin aspect.

15. Composition according to any one of claims 10 to 13, intended for treatment of pigment spots.

16. Composition according to any one of 25 claims 10 to 13, intended for lightening black or asian skins.